

ABSTRACT OF THE DISCLOSURE

A remote controller for controlling a host device, the controller including a housing, an electrical power source within the housing, electronic circuitry within the housing connected to the power source and including a radiation emitter to emit signals from the housing, a plurality of finger depressible buttons exposed on the housing and interfacing with sensors electrically associated with the circuitry. The buttons are for user selection of signals emitted for controlling a host device. At least some of the sensors are utilized only as momentary-On only On/Off sensors. At least one sensor(s) is a pressure-sensitive analog sensor structured for varying electrical conductance through at least three readable states or values. The readable states are dependant upon depressive pressure applied to the sensor(s) through finger depressible button(s). The circuitry is structured to read the readable states of the pressure-sensitive analog sensor(s) and to emit signals representing the state or value of the sensor(s). In one embodiment, the analog sensor(s) is/are elastomeric dome-cap sensor(s) including pressure-sensitive variable-conductance material positioned over proximal circuit elements of the circuitry. The analog sensors are preferably associated with selectable functions such as tuner channel changing as for televisions and supportive tuner devices, and video speed controls as for VCRs, DVDs and like recorded video players, and computers and audio and other like devices. Additionally disclosed are methods of use and manufacture.

09148806-090498